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9A. (Preferred Amendment) A wireless call connection characterized by:

a speech decoder coupled to a wireless receiver for receiving a signal made up of a set of parameters represented of a voice signal and for converting the received  
5 signal to a voice signal;

an adaptive filter coupled to receive the voice signal from the speech decoder to produce a modified voice signal which, when encoded, will produce a second signal made up of another set of parameters representative of the voice signal, the adaptive filter being operative to modify the ~~spectrum~~ magnitude of selective frequencies above  
10 300 Hz of the voice signal from the speech decoder so as to substantially compensate for spectral distortion introduced by an encoding and decoding of the voice signal.

9A. (Alternate Amendment) A wireless call connection characterized by:

a speech decoder coupled to a wireless receiver for receiving a signal made up of a set of parameters represented of a voice signal and for converting the received  
5 signal to a voice signal;

an adaptive filter coupled to receive the voice signal from the speech decoder to produce a modified voice signal which, when encoded, will produce a second signal made up of another set of parameters representative of the voice signal, the adaptive filter being operative to ~~modify the spectrum~~ increases the dB of selective frequencies  
10 above 300 Hz of the voice signal from the speech decoder so as to substantially compensate for spectral distortion introduced by an encoding and decoding of the voice signal.

**Law Office of John Ligon**  
**505 Highland Avenue**  
**P.O. Box 43485**  
**Upper Montclair, NJ 07043-0485**  
**Tel: 973 509-9192**  
**Fax: 973 509-3440**

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To: Examiner Meless Zewdu

From: John Ligon

Fax #: 1 703 746-5956

Fax #: 973 509-3440

Company: USPTO

Tel #: 973 509-9192

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Examiner Zewdu -

Further to our second telephone discussion this afternoon, I attach a second set of proposed amendments for discussion. As you will see, I used the claim number 9A to distinguish from the prior proposed amendment, and have continued with the preferred and alternate claim proposal format. The limitation from claim 14 regarding a 300 Hz frequency threshold has been added here.

John Ligon

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